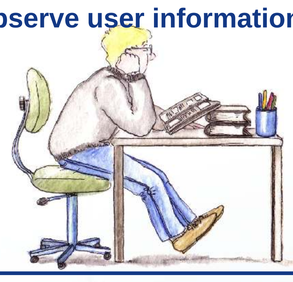
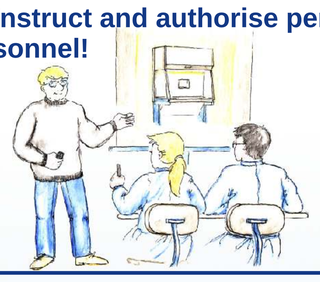
20-Point-Quick-User Guide for Safety Cabinets

Author: T. Hinrichs ▪ Berner International GmbH ▪ D-Elmshorn

1 **Observe user information!**



2 **Instruct and authorise personnel!**



3 **Safety cabinet: Single workplace!**

4 **Use personal protective equipment!**

5 **Safe: Green control lamp!**

6 **Unsafe: Red control lamp + audible warning signal!**

7 **Critical activities only with front screen in working position!**

8 **Do not block air intake openings!**

9 **Do not block exhaust air opening!**

10 **Safe area: closed work surface!**

11 **Workspace: No storage area!**

12 **No strong heat sources (e.g. gas burner) in the workspace!**

13 **Organise transport of material well!**

14 **Clean and disinfect material before taking in or out!**

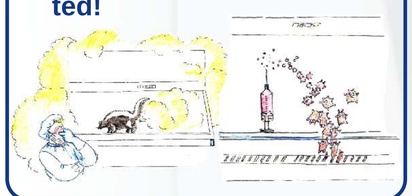
15 **Clean and disinfect workspace daily!**

16 **Keep to good microbiological and/or aseptic techniques!**

17 **Avoid quick arm movements!**

18 **Avoid disturbing the air flow in the surrounding area!**

19 **Generally only particles but no gases are deposited!**



20 **Regular inspection by authorised and competent service personnel!**

Working safely at safety cabinets

Safety cabinets are the most important work- and product protection equipment in many laboratories. This applies especially to the GMP-compliant production of potentially toxic, aseptic parenteral preparations or for contact with biological substances with a high infection risk.

Modern, state of the art (incl. DIN 12980, DIN EN 12469), safety cabinets, offer a very high level of protection.

Nevertheless, in practice, critical moments still occur repeatedly due to incorrect conduct when working with safety cabinets. The user information is the most important document for the safety cabinet and has to contain all the necessary details for a safe and durable operation.

It can be observed that the user information does not receive sufficient attention. Often it is not present in the vicinity of the safety cabinet and users have never read it. This can result in, for e.g. unsuitable disinfectants being used, air intake openings in the workspace being blocked, materials being stored in the workspace and even up to the point of working at occupational protective equipment which is not regularly tested.

The remedy for this is the quick user information. With the use of this guide, tried and tested in practical experience, **20-Point-Quick-User-Guide** in pictorial form, safety at work will be significantly increased!

For further information: www.berner-international.de

BERNER

the safety system

© Copyright BERNER INTERNATIONAL GMBH GB-12 0560 A